Urgent

Public Works (1899) Department.

RAILWAY BRANCH.

G.O., No. 140 – 41 Ry.

DATED 6th February 1899.

Proof 100

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[Despatch Abstract.]

Budget Estimates, Madras Ry

Ordered that the Preliminary Issue of the Capital and Revenue revised and ——— of the Madras Railway for the years 1898-99 and 1899-1900, with a note thereon by the Examiner, St. Ry Accts, Madras, be forwarded to the Govt. of India

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Forwarding the Preliminary Issue of the Capital and Revenue revised and ——— of the Madras Railway for the years 1898-99 and 1899-1900, with a note thereon by the Examiner, St. Ry Accounts, Madras

Indexed

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

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G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

RAILWAY.

Government {1899} of Madras.

PUBLIC WORKS.

Recd. } 1899. *Enclosures*

Regd. } *Spare copies*

G.O., No. 140 Ry., 6th February 1899.

FEBRUARY.

Budget Estimates, Madras Railway

Ordered that the Preliminary Issue of the Capital and Revenue Revised and — for the years 1898–99 and 1899–1900, with a note thereon by the Examiner, Guaranteed Railway Accounts, Madras, be forwarded to the Government of India.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read again the following paper :—

G.O., Nos. 1482–83 Ry., dated 1st December 1898.

Read also the following papers :—

From—The Secretary to the Government of India, Public Works Department.
To—The Joint Secretary to the Government of Madras, P.W. Dept., Ry. Branch.
Dated—Simla, 21st December 1898, No. 697 A.R.

From—The Agent and Manager, Madras Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—Madras, 19th January 1899, No. 10352/70.

ORDER—No. 140 Ry., dated 6th February 1899.

Ordered that the Preliminary Issue of the Capital and Revenue Revised and Budget Estimates of the Madras Railway for the years 1898–99 and 1899–1900, with a note thereon by the Examiner, Guaranteed Railway Accounts, Madras, be forwarded to the Government of India.

[Here enter No. 141 Ry., dated 6th February 1899.]

(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

To the Agent and Manager, Madras Railway.
" Examiner, Guaranteed Railway Accounts, Madras.
" Consulting Engineer for Railways.

Exd. T. K. Narayana Aiyangar.

RAILWAY.

Government {1899} of Madras.

PUBLIC WORKS.

Recd. } 1899. *Enclosures*
Regd. *Spare copies*

Letter, No. 141 Ry., 6th February 1899.

FEBRUARY.

Budget Estimates, Madras Railway

Forwarding the Preliminary Issue of the Capital and Revenue Revised and — for the years 1898–99 and 1899–1900, with a note thereon by the Examiner, Guaranteed Railway Accounts, Madras.

PUBLIC WORKS DEPARTMENT.

Railway.

Letter—from

Francis J. E. Spring, Esq., c.i.e.,
Joint Secretary to the Government of Madras,
Public Works Department,
Railway Branch,

To

The Secretary to the Government of India,
Public Works Department.

Sir,

With reference to Government of India letter No. 697 A.R., dated 21st December 1898, I am directed to forward herewith the Preliminary Issue of the Capital and Revenue Revised and Budget Estimates of the Madras Railway for the years 1898-99 and 1899-1900, with a note thereon by the Examiner, Guaranteed Railway Accounts, Madras.

I have the honour to be,
Sir,
Your most obedient servant,
Francis J. E. Spring,
Joint Secretary.

Fort St. George,
6th February 1899.

Ed. T. K. Narayana Aiyangar.

PRELIMINARY ISSUE.

CAPITAL AND REVENUE REVISED AND BUDGET ESTIMATES

OF THE

MADRAS RAILWAY

FOR THE YEARS

1898-99 & 1899-1900.

CAPITAL ACCOUNT.

Abstract of the Estimated Cash Expenditure on the Madras Railway for the official year 1899–1900.

Particulars.	Actuals for 1897–98.	Budget estimate for 1898–99.	Revised estimate for 1898–99.	Budget estimate for 1899–1900.
INDIAN.	Rs.	Rs.	Rs.	Rs.
Capital Outlay.				
Engineering Department.				
Sanctioned works as per schedule A		1,56,613	1,66,256	39,645
Works to be sanctioned do. B		3,18,434	6,670	2,55,000
Emergent works do. D		...	...	...
Locomotive Department.				
Sanctioned works as per schedule A	2,66,191	5,453	5,126	...
Works to be sanctioned do. B		300	...	300
Carriage and Wagon Department.				
Sanctioned works as per schedule A		94,152	50,376	59,428
Works to be sanctioned do. B		82,900	1,000	71,000
Outlay on extensions	...	...	...	...
General.				
Establishment	...	...	...	...
Stores as per schedule E	18,93,119	20,12,148	18,71,000	15,22,627
Miscellaneous	3,057	5,000	4,000	5,000
Suspense miscellaneous	1,35,537	1,50,000	6,00,000	1,50,000
Increase or decrease of balance of Capital Advance Account	**76,023**	...	...	...
Total, Withdrawals on Capital Account ...	22,21,881	28,25,000	27,04,428	21,03,000
Receipts to be credited to Capital Account.				
Share capital paid in India	...	...	...	...
Refunds for stores sold to Revenue, &c. ...	25,86,479	25,00,000	25,00,000	22,00,000
Other refunds—				
Home expenditure, &c.	2,18,799	3,00,000	7,50,000	3,00,000
Total, Payments on Capital Account ...	28,05,278	28,00,000	32,50,000	25,00,000
Net cash demand in India on Capital Account ...	**5,83,397**	25,000	**5,45,572**	**3,97,000**
ENGLAND.				
Probable amount of outstanding indents of the previous year	...	7,36,026	8,15,712	3,00,000
Probable amount of indents to be sent home for compliance during the year	...	16,52,338	7,00,000	13,43,000
Total ...	...	23,88,364	15,15,712	16,43,000
Deduct probable amount of outstanding indents at the close of the year ...	...	6,00,000	3,00,000	7,51,000
Total, Outlay for Stores ...	7,39,981	17,88,364	12,15,712	8,92,000
Home Expenditure and Payments.				
Home expenditure	79,419	81,818	82,288	83,000
Furlough and sick leave allowances		10,909	11,000	11,000
Family and sundry payments less receipts ...		10,909	11,000	11,000
Total, Home Expenditure and Payments ...	79,419	1,03,636	1,04,288	1,05,000
Total, Cash Demand in England ...	8,19,400	18,92,000	13,20,000	9,97,000

REVENUE ACCOUNT.

Abstract of Estimated Revenue Receipts and Expenditure of the Madras Railway for the official year 1899–1900.

Particulars.	Actuals for 1897–98.	Budget estimate for 1898–99.	Revised estimate for 1898–99.	Budget estimate for 1899–1900.
Receipts as per Schedule F.	Rs.	Rs.	Rs.	Rs.
Coaching traffic	44,90,323	46,00,000	43,00,000	45,00,000
Goods do.	66,56,408	62,00,000	66,00,000	66,00,000
Electric Telegraph earnings	19,703	20,000	17,000	18,000
Sundries	2,21,867	1,80,000	1,90,000	1,90,000
Total (1) ...	1,13,88,301	1,10,00,000	1,11,07,000	1,13,08,000
Receipts on account of traffic appertaining to other lines	17,95,328	16,00,000	18,00,000	18,00,000
Receipts from Capital Account other than traffic earnings				
Receipts from foreign lines other than traffic earnings				
Other abnormal receipts in detail or as per schedule attached	...	...	...	...
Total, Payments into Treasury on Revenue Account (2) ...	1,31,83,629	1,26,00,000	1,29,07,000	1,31,08,000
Expenditure as per Schedule G.				
Maintenance of way, works and stations ...	12,41,243	13,00,000	12,54,500	12,99,500
Locomotive expenses	21,33,395	21,00,000	20,64,500	21,59,500
Carriage and wagon expenses	6,05,445	5,50,000	4,43,500	4,48,000
Traffic expenses	8,36,170	8,50,000	8,55,500	8,51,500
General charges	5,81,280	6,05,000	5,92,500	6,04,000
Special and miscellaneous expenditure ...	1,08,299	95,000	1,03,500	1,20,500
Total (3) ...	55,05,832	55,00,000	53,14,000	54,83,000
Payments to other lines of their proportion of through traffic, &c.	17,86,328	16,00,000	18,00,000	18,00,000
Payments to Capital Account other than stores, &c., included in the working expenses in schedule G				
Other abnormal payments in detail or as per schedule attached	...	...	...	...
Total, Withdrawals from Treasury on Revenue Account (4) ...	72,92,160	71,00,000	71,14,000	72,83,000
Net earnings (1)—(3) ...	58,82,469	55,00,000	57,93,000	58,25,000
Net receipts (2)—(4) ...	58,91,469	55,00,000	57,93,000	58,25,000
Surplus profits, Company's share ...	85,969	...	94,114	1,00,000
Contribution to Provident Institution ...	10,224	...	58,262	58,000

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SCHEDULE A OR CONSTRUCTION

BUDGET Estimate of Sanctioned Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT.	RS.	RS.	RS.
			Bridge work.			
1	G.O., No. 132 R. M.O.M. .. M.O.M. .. M.O.M. .. M.O.M. ..	17th Feb. 1896. 29th Oct. 1897. 3rd Dec. ,, 25th Mar. 1898. 18th Oct. ,,	Converting the 30-feet arch bridge at 168/10 miles, Bangalore branch, into a girder opening.	5,450	2,379	7,829
2	G.O., No. 834 R.	16th Oct. 1897.	Diversion of the Koduru river at 107/10-11 miles, North-west line.	19,427	..	19,427
3	G.O., No. 336 R. M.O.M. .. G.O., No. 1003 Ry. M.O.M. ..	11th May 1897. 25th Mar. 1898. 6th Aug. ,, 18th Oct. ,,	Restoration of bridge No. 251 at 107/10-11 miles, North-west line.	14,156	2,999	17,155
			Stations and Buildings.			
			Rayapuram.			
4	G.O., No. 728 R. M.O.M. ..	24th Sept. 1897. 13th ,, 1898.	Alteration of sidings, &c., at Rayapuram.	866	4,921	5,787
5	G.O., No. 719 R.	13th May 1898.	Extra accommodation to Chief Auditor's office over Ticket Printing office at Rayapuram.	6,790	4,528	11,318
6	G.O., No. 1164 R.	22nd Sept. 1898.	Additional rooms for Audit office on 3rd storey to replace rooms on ground floor to be acquired for records at Rayapuram.	5,063	9,229	14,292
7	G.O., No. 693 R. M.O.M. .. M.O.M. ..	20th ,, 1897. 25th Mar. 1898. 1st July ,,	Foot over-bridge at Elephant gate level crossings.	1,728	4,672	6,400
			Washermanpet.			
8	G.O., No. 56 R. M.O.M. .. M.O.M. ..	26th Jan. 1897. 28th ,, 1898. 18th Oct. ,,	Extension of the through siding for the Ennur line at Washermanpet.	3,160	3,375	6,535
			Perambur Works.			
9	G.I. No. 104 R.C. G.O., No. 117 R. M.O.M. ..	27th Jan. 1896. 13th Feb. ,, 25th Mar. 1898.	Extension of the erecting shed, Foreman's office and tool stores at Perambur works.	20,211	17,335	37,546
10	G.O., No. 1147 R.	16th Dec. 1897.	Raising boundary wall at Perambur works.	4,809	950	5,759
11	G.O., No. 1020 Ry.	10th Aug. 1898.	Bungalow for Medical officer at Perambur.	5,381	4,219	9,600
12	G.O., No. 1072 Ry.	20th ,, ,,	Bungalow for the Second Assistant Locomotive Superintendent at Perambur.	4,329	2,871	7,200
13	G.O., No. 81 R.	17th Jan. ,,	Filling up side ditches at 3/13-20 miles, South-west line.	5,996	..	5,996
			Arkonam.			
14	G.O., No. 513 R.	1st April 1898.	Converting the existing Telegraph workshop and store yards into quarters for weigh-bridge fitter, and his assistant and a power house for electric lighting installation at Arkonam.	3,970	1,333	5,303
			Jalarpet.			
15	G.O., No. 4 R. M.O.M. .. M.O.M. .. M.O.M. ..	4th Jan. 1897. 25th Mar. 1898. 1st July ,, 13th Sept. ,,	Additional water-supply at Jalarpet ..	6,572	4,322	10,894
			Bisanatham.			
16	G.O., No. 412 R.	15th Mar. 1898.	Station-house, &c., at Bisanatham ..	2,533	3,529	6,062

TAL.

WORKS—PART I.

Madras Railway for the official year 1899–1900.

Actual expenditure up to close of official year 1897–98. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1898–99. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of expenditure for official year 1899–1900. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
3,169	1,502	4,671	937	..	937	..	..	..	..	
4,733	..	4,733	14,694	..	14,694	..	..	..	..	
14,156	3,906	18,062	..	Cr. 907	Cr. 907	..	..	..	..	The alteration is due to re-allocation which has been approved of, but not recorded being under Rs. 500.
780	439	1,219	700	3,868	4,568	..	..	..	..	Sanction for re-allocation will be obtained subsequently.
..	..	..	6,000	4,500	10,500	790	28	818	..	
..	..	..	3,000	6,000	9,000	2,068	3,229	5,292	..	
1,128	4,235	5,363	622	409	1,031	..	..	..	..	One-half of the cost will be borne by the Madras Municipality. Work completed. Sanction for re-allocation will be obtained.
2,854	3,329	6,183	18	46	64	..	..	..	..	The alteration is due to re-allocation which has been approved of, but not recorded being under Rs. 500.
12,024	13,223	25,247	8,187	4,112	12,299	..	..	..	..	
185	..	185	300	500	800	..	..	..	..	The work will be completed at reduced cost.
..	..	..	2,381	4,000	6,381	3,000	219	3,219	..	
..	..	..	2,329	2,800	5,129	2,000	71	2,071	..	
..	..	..	4,882	..	4,882	..	..	..	..	Work completed.
..	..	..	3,603	1,700	5,303	..	..	..	..	Sanction for re-allocation will be obtained subsequently.
2,767	2,384	5,151	3,805	1,938	5,743	..	..	..	..	
..	..	..	2,533	3,529	6,062	..	..	..	..	

Budget Estimate of Sanctioned Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—*cont.*	RS.	RS.	RS.
			Stations and Buildings—cont.			
			Whitefield (Watering Station).			
17	G.O., No. 964 R. M.O.M. .. M.O.M. .. M.O.M. .. M.O.M. ..	14th Nov. 1896. 29th Sept. 1897. 3rd Dec. „ 1st July 1898. 13th Sept. „	Water from nullah at 203/14 miles, Bangalore branch.	3,105	14,873	17,978
			Bangalore City.			
18	G.I. No. 94 R.C. G.O., No. 81 R. C.E. No. 3061. M.O.M. .. G.I. No. 1340 R.C. G.I. No. 1831 R.C. G.O., No. 1041 R. M.O.M. ..	30th Jan. 1894. 6th Feb. „ 30th Sept. 1895. 30th „ 1896. 8th „ „ 4th Dec. „ 14th „ „ 13th Sept. 1898.	Alterations and additions to station-house, platform, &c., at Bangalore City.	2,19,939	1,74,413	3,94,352
			Mangalam.			
19	G.O., No. 1158 R. M.O.M. ..	17th Dec. 1897. 18th Oct. 1898.	Extension of goods godown and siding at Mangalam.	1,282	5,074	6,356
			Kallayi.			
20	G.O., No. 269 R.	17th Feb. 1898.	Additional dock at Kallayi	2,107	5,814	7,921
			Ponpadi.			
21	G.O., No. 416 R. M.O.M. .. M.O.M. ..	25th June 1897. 1st July 1898. 13th Sept. „	Station-house, &c., at Ponpadi	5,362	4,095	9,457
			Nagari.			
22	G.O., No. 522 R M.O.M. .. M.O.M. .. M.O.M. .. M.O.M. .. M.O.M. ..	15th Aug. 1895. 29th Sept. 1897. 29th Oct. „ 25th Mar. 1898. 1st July „ 13th Sept. „	Interlocking points and signals at Nagari.	830	8,462	9,292
			Nandalur.			
23	G.I. No. 899 R.C. G.O., No. 907 Ry	28th June 1898. 11th July „	Conversion of Nandalur into an engine-changing station.	29,371	21,828	51,199
			Yerragudipad.			
24	G.O., No. 130 R.	24th Jan. 1898.	Proposed station-house, &c., at Yerragudipad.	7,834	4,176	12,010
			Kalamala.			
25	G.O., No. 410 R. M.O.M. .. M.O.M. ..	19th June 1897. 1st July 1898. 13th Sept. „	Proposed station-house at Kalamala ..	7,121	5,387	12,508
			Gooty.			
26	G.O., No. 898 R.	7th July 1898.	Locomotive workshops, alteration of locomotive sidings and new 50-feet engine turn-table in lieu of the existing 40-feet one at Gooty.	1,877	11,196	13,072
27	G.O., No. 1159 R. M.O.M. ..	17th Dec. 1897. 29th July 1898.	Twenty-two houses for subordinate staff (Traffic department).	4,630	2,760	7,390
28	G.O., No. 208 R. M.O.M. .. M.O.M. ..	26th Mar. 1897. 26th Aug. „ 13th Sept. 1898.	Alteration of home signals so that their arms will fly to danger on any connection breaking on South-west and North-west lines.	4,185	4,340	8,525
29	G.O., No. 1169 R.	23rd Sept. 1898.	Making and fitting Whitney's point bolt locks to points of blind sidings running off the main line and trapping points on the South-west and North-west lines.	1,177	5,683	6,860
			Electric Telegraph.			
30	G.O., No. 1115 Ry.	3rd Sept. 1898.	Lighting the Arkónam station and yard by electricity.	2,470	15,251	17,721
			Sanctioned minor works as per Schedule C.	66,622	57,035	1,23,657
			Total, Engineering Department ..	4,68,353	4,07,048	8,75,401

Madras Railway for the official year 1899–1900—*cont.*

Actual expenditure up to close of official year 1897–98. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1898–99. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1899–1900. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
210	6,280	6,490	2,895	8,593	11,488	..	..	..	..	
1,60,904	95,970	2,56,874	29,035	60,443	89,478	30,000	18,000	48,000	..	
106	1,702	1,808	915	2,057	2,972	..	..	..	..	
..	..	..	2,107	5,814	7,921	..	..	..	..	
380	1,286	1,666	4,982	2,809	7,791	..	..	..	..	
1,149	8,405	9,554	..	17	17	..	..	..	..	Sanction for the excess over estimate will be obtained on completion of the work.
29,381	23,683	53,064	Cr. 10	Cr. 1,855	Cr. 1,865	..	..	..	..	
..	..	..	7,834	4,176	12,010	..	..	..	..	
3,881	1,161	5,042	3,240	4,226	7,466	..	..	..	..	
..	..	..	1,800	11,000	12,800	77	195	272	..	
35	574	609	4,595	2,186	6,781	..	..	..	..	
3,930	3,574	7,504	55	966	1,021	..	..	..	..	Sanction for re-allocation will be obtained on the completion of the work.
..	..	..	1,177	5,683	6,860	..	..	..	..	
612	11,670	12,282	858	500	1,358	1,000	3,081	4,081	..	
12,328	13,171	25,499	52,782	43,569	96,351	715	38	753	..	
2,54,712	1,96,494	4,51,206	1,66,256	1,82,679	3,48,935	39,645	24,861	64,506	..	

Budget Estimate of Sanctioned Works of the Madras Railway for the official year 1899-1900—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.	Actual expenditure up to close of official year 1897-98. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1898-99. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1899-1900. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
			LOCOMOTIVE DEPARTMENT.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1	G.O., No. 804 R. M.O.M. .. M.O.M. ..	21st Sept. 1896. 29th April 1898. 28th Jan. 1898.	Fitting automatic vacuum brake gear to ten engines.	2,496	12,124	14,620	2,459	8,882	11,341	21	395	416	..	..	..	..	*
2	G.I. No. 302 R.S. G.O., No. 642 R. M.O.M. ..	13th July 1896. 28th " " 28th Jan. 1898.	Do. do. do.	1,200	8,680	9,880	19	6,639	6,658	1,220	429	1,649	..	..	..	..	*
3	G.O., No. 14 R. M.O.M. ..	8th " 1897. 28th " 1898.	Fitting automatic vacuum brake gear to four engines.	1,200	3,889	5,089	135	2,337	2,472	1,065	1,552	2,617	..	..	..	..	
4	G.I. No. 213 R.S. G.O., No. 391 R. M.O.M.	22nd May 1897. 5th June " 28th Jan. 1898.	Fitting automatic vacuum brake gear to six engines.	2,500	6,760	9,260	..	..	..	2,500	6,760	9,260	..	..	..	..	
5	G.I. No. 191 R.S. G.O., No. 361 R. M.O.M. ..	5th May 1897. 20th " " 1st July 1898.	Two new locomotive engines	7,982	28,068	36,050	7,982	27,930	35,912	..	138	138	..	..	..	..	
6	G.O., No. 445 R. M.O.M. .. M.O.M. ..	8th " 1897. 25th Feb. 1898. 1st July "	One planing machine	180	6,090	6,270	..	..	..	180	6,090	6,270	..	..	..	..	
			Sanctioned minor works ..	140	1,530	1,670	..	..	..	140	1,530	1,670	..	..	..	..	
			Total, Locomotive Department ..	15,698	67,141	82,839	10,595	45,788	56,383	5,126	16,894	22,020	..	..	..	..	
			CARRIAGE AND WAGON DEPARTMENT.														
1	G.I., No. 55 R.S. G.O., No. 102 R. M.O.M. ..	2nd Feb. 1897. 13th " " 28th Jan. 1898.	Fitting carriages with apparatus for gas lighting.	20,814	1,90,442	2,11,256	20,040	1,53,500	1,73,540	374	11,942	12,316	400	25,000	25,400	..	
2	G.O., No. 804 R. M.O.M. ..	21st Sept. 1896. 29th April 1898.	Fitting automatic vacuum brake gear to fifty carriages.	4,254	21,153	25,407	3,560	23,699	27,259	..	..	..	..	..	..	..	*
	G.I., No. 302 R.S. G.O., No. 642 R. M.O.M. ..	13th July 1896. 28th " " 28th Jan. 1898.	Do. do. do.	5,000	22,380	27,380	4,961	23,992	28,953	..	..	..	..	..	..	*	
4	G.I., No. 213 R.S. G.O., No. 391 R. M.O.M. ..	22nd May 1897. 5th June " 28th Jan. 1898.	Fitting automatic vacuum brake gear to two hundred carriages.	25,684	85,507	1,11,191	3,297	43,081	46,378	22,387	42,426	64,813	..	..	..	..	
5	G.I., No. 191 R.S. G.O., No. 361 R. M.O.M. ..	5th May 1897. 20th " " 28th Jan. 1898.	Two composite bogie, seventeen third-class carriages, two third-class carriages with brakes and two ordinary brake-vans.	25,425	1,01,385	1,26,810	18,861	96,939	1,15,800	6,564	4,446	11,010	..	..	..	..	
6	G.O., No. 949 R. M.O.M. .. M.O.M. ..	23rd July 1898. 1st " " 18th Oct. "	One bogie corridor composite carriage ..	4,271	17,158	21,429	3,768	16,117	19,885	472	1,041	1,513	..	..	..	..	The alteration is due to re-allocation which has been approved of, but not recorded being under Rs. 500.
7	G.I., No. 395 R.S. G.O., No. 814 R.	4th Oct. 1897. 13th " "	Five bogie composites, 1st, 2nd and 3rd class. Five bogie third-class carriages ..	35,850	1,14,150	1,50,000	..	..	..	12,000	69,700	81,700	23,850	44,450	68,300	..	4/5 of the total cost of the stock to be recovered from Great Indian Peninsula Railway.
8	G.I., No. 1398 R.S. G.O., No. 751 R.	26th Aug. 1897. 30th Sept. "	Forty-six third-class carriages ..	31,510	1,64,473	1,95,983	28	246	284	914	..	914	30,558	1,64,227	1,94,785	..	
9	G.O., No. 939 R.	18th July 1898.	Converting seven second-class carriages into composites.	7,665	9,905	17,570	..	..	..	7,665	9,905	17,570	..	..	..	..	
10	G.O., No. 1133 R.	13th Sept. 1898.	Six oil tank wagons	4,620	19,080	23,700	..	..	..	..	..	..	4,620	19,080	23,700	..	
			Total, Carriage and Wagon Department.	1,65,093	7,45,633	9,10,726	54,525	3,57,574	4,12,099	53,376	1,39,460	1,89,836	59,428	2,52,757	3,12,185	..	
			Total, Schedule A ..	6,49,144	12,19,822	18,68,966	3,19,832	5,99,856	9,19,688	2,21,759	3,39,033	5,60,791	99,073	2,77,619	3,76,691	..	

* The totals of these two items are within the totals of the sanction.

SCHEDULE B OR CONSTRUCTION WORKS—PART II.

Budget Estimate of Unsanctioned Works of the Madras Railway for the official year 1899-1900.

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.	Actual expenditure up to close of official year 1897-98. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1898-99. Cash outlay in India.	Value of stores.	Total.	Budget estimate of Expenditure for official year 1899-1900. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
			Bridge Work.														
1	..	..	Strengthening the girders of bridge over the Cochrane's canal at 0/14 miles.	8,626	9,774	18,400	..	..	..	..	..	..	8,626	9,774	18,400	..	
2	..	..	Strengthening the girders of bridge over the Tirur river by inserting central masonry piers on screw piles, South-west line.	3,021	6,031	9,052	..	..	..	..	..	..	3,021	6,031	9,052	..	
3	..	..	Strengthening the girders of bridge over the Kuddlehoondy by screw pile piers and duplicating the girders, South-west line.	22,677	32,474	55,151	..	..	..	..	..	..	15,000	30,000	45,000	10,151	
4	..	..	Strengthening the girders of bridge No. 825 at 258/10 miles, North-west line.	6,922	8,960	15,882	..	..	..	..	..	..	6,922	8,960	15,882	..	
5	..	..	Strengthening the girders of bridge over the Cheyair river by inserting central masonry piers for 4 spans and replacing the other spans by new girders, North-west line.	26,767	41,307	68,074	..	..	..	..	..	..	10,000	20,000	30,000	38,074	
6	..	..	Strengthening the girders of the Tungabhadra bridge by converting land spans to be replaced by steel girders, North-west line.	85,238	47,639	1,32,877	..	..	..	..	..	..	30,000	40,000	70,000	62,877	
			Stations and Buildings.														
			Rayapuram.														
7	..	..	Export and import sheds and sidings at Rayapuram.	12,406	35,644	48,050	..	..	..	..	..	..	..	..	..	48,050	
8	..	..	Branch line and sidings for harbour coal traffic at Rayapuram.	5,156	18,672	23,828	..	..	..	..	..	..	..	..	..	23,828	
9	..	..	Proposed extension of Madras Railway, from Rayapuram to proposed joint station opposite to General Post Office on the beach.	35,079	37,694	72,773	..	..	..	..	..	..	12,000	20,000	32,000	40,773	
			Washermanpet.														
10	..	..	Branch line from Washermanpet to Salt Cotaurs.	91,912	56,733	1,48,645	..	..	..	..	..	..	6,000	10,000	16,000	1,32,645	
11	..	..	Junction station at Washermanpet ..	42,103	3,726	45,829	..	..	..	..	..	..	6,000	3,726	9,726	36,103	
			Salt Cotaurs.														
12	..	..	Junction arrangement at Salt Cotaurs in connection with East Coast Railway.	3,14,147	71,916	3,86,063	..	..	..	..	..	..	12,000	10,000	22,000	3,64,063	
			Perambúr Works.														
13	..	..	Proposed extension of workshops at Perambúr works.	3,31,626	2,73,508	6,05,134	..	..	..	..	..	..	7,000	10,000	17,000	5,88,134	
			Mosur.														
14	..	..	Station-house, Booking office, 3rd class Waiting room, Stationmaster's house, latrine for passengers, one hut for porter, one hut for scavenger and well at Mosur.	3,253	3,012	6,265	..	..	..	..	..	..	3,253	3,012	6,265	..	
			Arkonám.														
15	..	..	Improvements and additions to the station yard at Arkónam.	54,286	37,260	91,546	..	..	..	..	..	..	10,113	10,000	20,113	71,433	
			Jalarpet.														
16	..	..	Re-arrangement of goods yard at Jalarpet.	8,000	17,762	25,762	..	..	..	..	..	..	6,000	7,000	13,000	12,762	
			Bowringpet.														
17	..	..	Proposed lay-bye and alteration of gravitation siding at Bowringpet.	22,286	2,453	24,739	..	..	..	..	..	..	5,000	2,453	7,453	17,286	

Budget Estimate of Unsanctioned Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—*cont.*	Rs.	Rs.	Rs.
			Stations and Buildings—cont.			
			Bangalore City.			
18	..	..	Five houses for European joint clerks at Bangalore City.	13,445	2,980	16,425
19	..	..	Proposed shed for making gas and siding at Bangalore City.	5,613	6,987	12,600
20	..	..	Proposed watering arrangements at Bangalore City.	3,000	12,000	15,000
21	..	..	Boundary wall, &c., round the coal transhipping yard at Bangalore City.	15,212	8,328	23,540
22	..	..	Police quarters at Bangalore City ..	6,141	3,247	9,388
			Mallapuram.			
23	..	..	Proposed re-arrangement of station yard at Mallapuram.	7,920	18,519	26,439
			Mettupalaiyam.			
24	..	..	Watering arrangements at Mettupalaiyam	8,208	15,858	24,066
			Nandalur.			
25	..	..	Twenty-two houses for subordinate staff at Nandalur.	6,731	2,775	9,506
			Gooty.			
26	..	..	Watering arrangements, bringing water by pipes from stream at 258/11 miles, North-west line.	2,375	7,892	10,267
			Timmancherla.			
27	..	..	Alteration of sidings at Timmancherla ..	1,288	4,345	5,633
			Molagavalli.			
28	..	..	Station house, Booking office, 3rd class Waiting room, oil and Store-room, latrine for passengers, one house for Stationmaster, two huts for porters and one hut for seavanger.	4,457	3,130	7,587
			Raichur.			
29	..	..	Alteration to station yards at Raichur ..	5,224	8,841	14,065
30	..	..	Twenty-five houses for Subordinate Staff (Traffic Department).	4,491	2,929	7,420
			Miscellaneous.			
31	..	..	Two double Bungalows for family guards	7,521	3,136	10,657
32	..	..	Six houses for Native stationmasters ..	4,873	2,607	6,980
33	..	..	Twenty-five houses for subordinate staff (Traffic Department).	7,688	3,162	10,850
34	..	..	Three platforms	3,900	4,140	8,040
35	..	..	Distant signals for six stations, South-west and North-west lines.	1,320	5,016	6,336
	..	..	Unsanctioned minor works as per Schedule C.	29,092	21,106	50,198
			Total, Engineering Department ..	12,11,304	8,41,569	20,52,873
			LOCOMOTIVE DEPARTMENT.			
1	..	..	Fitting automatic vacuum brake gear for eight engines.	400	7,550	7,950
			CARRIAGE AND WAGON DEPARTMENT.			
1	..	..	Fitting automatic vacuum brake gear for 200 carriages.	20,000	95,100	1,15,100
2	..	..	Do. do.	20,000	95,100	1,15,100
3	..	..	Two hundred open goods	47,436	8,20,564	8,68,000

Madras Railway for the official year 1899–1900—*cont.*

Actual expenditure up to close of official year 1898–98. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1898–99. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1899–1900. Cash outlay in India.	Value of Stores.	Total.	Estimated expenditure in future years.	Remarks.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
						7,445	2,980	10,425	6,000	
..	..	..	..	..	..	5,613	6,987	12,600	..	
..	..	..	..	..	..	3,000	12,000	15,000	..	
..	..	..	..	..	..	6,000	6,000	12,000	11,540	
..	..	..	..	..	..	6,141	3,247	9,388	..	
..	..	..	..	..	..	7,920	10,000	17,920	8,519	
..	..	..	..	..	..	8,208	10,000	18,208	5,858	
..	..	..	..	..	..	4,679	2,775	7,454	2,052	
..	..	..	..	..	..	2,375	7,892	10,267	..	
..	..	..	288	1,000	1,288	1,000	3,345	4,345	..	
..	..	..	..	..	..	4,457	3,130	7,587	..	
..	..	..	..	..	..	5,224	8,841	14,065	..	Since sanctioned (*vide* G.O., No. 1562 Ry., dated 19th Dec. 1898).
..	..	..	1,491	2,035	3,526	3,000	900	3,900	..	
..	..	..	..	..	..	7,521	3,136	10,657	..	
..	..	..	..	..	..	4,873	2,607	6,980	..	
..	..	..	..	..	..	7,688	3,162	10,850	..	
..	..	..	..	..	..	3,900	4,140	8,040	..	
..	..	..	..	..	..	1,320	5,016	6,336	..	
..	..	..	4,891	4,088	8,979	24,201	17,018	41,219	..	
..	..	..	6,670	7,123	13,793	2,55,000	3,04,132	5,59,132	14,80,148	
..	..	..	..	..	..	300	5,700	6,000	1,950	
..	..	..	1,000	25,000	26,000	19,000	70,100	89,100	..	Since sanctioned (*vide* G.I. No. 1729 R.S. of 30th Dec. 1898 and G.O. No. 50 Ry. of 10th Jan. 1899).
..	..	..	..	..	..	1,000	25,000	26,000	89,100	
..	..	..	..	..	..	30,000	3,20,564	3,51,164	16,836	

Budget Estimate of unsanctioned Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.
				Rs.	Rs.	Rs.
4	..	..	Carriage and Wagon Department —*cont.* Gas plant for joint installation at Bangalore City.	7,000	52,590	59,590
5	..	..	Ten brake vans for joint stock	11,400	38,750	50,150
6	..	..	Five baggage vans for joint stock ..	2,000	10,500	12,500
			Total, Carriage and Wagon Department.	1,07,836	6,12,604	7,20,440
			Total, Schedule B ..	13,19,740	14,61,722	27,81,462

Schedule C or Construction

Budget Estimate of Minor Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.
				Rs.	Rs.	Rs.
			SANCTIONED WORKS. Engineering Department. *Bridge-works.*			
1	C.E. No. 725 ..	4th Mar. 1896.	Strengthening the girders of bridge No. 82 at 175/16 miles, Bangalore branch.	375	2,429	2,804
	M.O.M. ..	28th Oct. ,,				
	M.O.M. ..	28th Jan. 1898.				
	M.O.M. ..	1st July ,,				
2	C.E. No. 3222..	15th Oct. 1897.	Strengthening 2-64 feet girders by inserting central masonry piers at 307/17 miles, Nilgiri branch line.	817	213	1,030
	M.O.M. ..	3rd June 1898.				
3	C.E. No. 3222 ..	15th Oct. 1897.	Strengthening 2-64 feet girders by inserting central masonry piers at 312/13 miles, Nilgiri branch line.	955	213	1,168
	M.O.M. ..	3rd June 1898.				
4	C.E. No. 3222..	15th Oct. 1897.	Strengthening 2-64 feet girders by inserting central masonry piers at 314/10 miles, Nilgiri branch line.	996	213	1,209
	M.O.M. ..	3rd June 1898.				
5	C.E. No. 3222..	15th Oct. 1897.	Strengthening 2-64 feet girders by inserting central masonry piers at 142/10 miles, North-west line.	651	212	863
	M.O.M. ..	1st July 1898.				
	M.O.M. ..	13th Sept. ,,				
6	C.E. No. 3222..	15th Oct. 1897.	Strengthening 4-64 feet girders by inserting central masonry piers at 232/3 miles, North-west line.	2,010	425	2,435
	M.O.M. ..	1st July 1898.				
	M.O.M. ..	13th Sept. ,,				
7	C.E. No. 3222..	15th Oct. 1897.	Strengthening 2-64 feet girders by inserting central masonry piers at 232/10 miles, North-west line.	833	212	1,045
	M.O.M. ..	1st July 1898.				
	M.O.M. ..	13th Sept. ,,				
8	C.E. No. 3515..	17th Nov. 1897.	Strengthening 4-64 feet girders by inserting central masonry piers at 313/12 miles, Nilgiri branch line.	2,733	425	3,158
	M.O.M. ..	13th June 1898.				
	C.E. No. 3515..	17th Nov. 1897.	Strengthening 4-64 feet girders by inserting central masonry piers at 321/13 miles, Nilgiri branch line.	2,342	426	2,768
	M.O.M. ..	3rd June 1898.				
10	C.E. No. 3515..	17th Nov. 1897.	Strengthening 4-64 feet girders by inserting central masonry piers at 308/7 miles, Nilgiri branch line.	3,087	425	3,512
	M.O.M. ..	3rd June 1898.				
11	C.E. No. 1568 ..	1st June ,,	Strengthening 2-64 feet girders by inserting central masonry piers at 248/15 miles, North-west line.	655	212	1,167
12	C.E. No. 1568 ..	1st June ,,	Strengthening 4-64 feet girders by inserting central masonry piers at 248/9 miles, North-west line.	1,910	425	2,335
13	C.E. No. 1568..	1st June 1898.	Strengthening 4-64 feet girders by inserting central masonry piers at 263/3 miles, North-west line.	1,767	425	2,192

Madras Railway for the official year 1899–1900—*cont.*

Actual expenditure up to close of official year 1897-98. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1898-99. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1899-1900. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future year	Remarks.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	..	..	..	7,000	52,590	59,590	..	See Schedule B, Engineering Department Cost to be distributed between Southern Mahratta and Madras Railways.
..	..	..	..	..	..	11,400	38,750	50,150	..	443/794 of the total cost of this stock to be recovered from Great Indian Peninsula Railway.
..	..	..	..	..	..	2,000	10,500	12,500	..	
..	..	..	1,000	25,000	26,000	71,000	5,17,504	5,88,504	1,05,936	
..	..	..	7,670	32,123	39,793	3,26,300	8,27,336	11,53,636	15,88,034	

Works—Part III.

Madras Railway for the official year 1899-1900

Actual expenditure up to close of official year 1897-98. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1898-99. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1899-1900. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	375	2,429	2,804	..	..	..	..	
754	103	857	63	110	173	..	..	..	..	
741	56	797	314	157	471	..	..	..	..	
790	58	848	206	157	363	..	..	..	..	
157	..	157	494	212	706	..	..	..	..	
..	82	82	2,919	343	2,353	..	..	..	..	
..	41	41	833	171	1,004	..	..	..	..	
1,380	115	1,495	1,353	310	1,563	..	..	..	..	
61	159	220	2,281	267	2,548	..	..	..	..	
2,573	156	2,729	514	269	783	..	..	..	..	
..	..	..	955	212	1,167	..	..	..	..	
..	..	..	1,910	425	2,335	..	..	..	..	
..	..	..	1,767	425	2,192	..	..	..	..	

Budget Estimate of Minor Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—*cont.*	RS.	RS.	RS.
			Stations and Buildings.			
			Ráyapuram.			
14	C.E. No. 2733..	23rd Aug. 1897.	Re-arrangement of signals between	130	1,825	1,955
	M.O.M. ..	25th Mar. 1898.	Washermanpet and Ráyapuram.			
	M.O.M. ..	1st July ,,				
15	C.E. No. 2539..	4th Aug. 1897.	Substitution of larger level crossing gates	370	700	1,070
	M.O.M. ..	25th Mar. 1898.	at Monegar Choultry.			
	M.O.M. ..	18th Oct. ,,				
			Washermanpet.			
16	C.E. No. 2003..	16th June 1897.	Substitution of larger level crossing gate	551	701	1,252
	M.O.M. ..	25th Mar. 1898.	at Washermanpet.			
	M.O.M. ..	29th July ,,				
17	C.E. No. 871 ..	25th Mar. ,,	Extension of through-siding at Washermanpet to connect lay-bye at Rayapuram (South-West line)	200	1,955	2,155
18	C.E. No. 2419..	26th Aug. ,,	Filling in ditch on side of main line	5,250	..	5,250
	M.O.M. ..	18th Oct. ,,	between Veyasarpandy and Central Station on side of Salt Cotaurs.			
			Perambur Works.			
19	C.E. No. 2954..	11th Sept. 1897.	Line leading from timber yard into Saw	187	2,592	2,779
	M.O.M. ..	25th Mar. 1898.	mills at Perambúr Workshop yard.			
20	C.E. No. 3844..	17th Dec. 1897	Louvre roof and ventilators to erecting and fitting shop at Perambúr works.	444	2,450	2,894
21	C.E. No. 1884..	22nd June 1896.	Interlocking points and signals at west	675	2,471	3,146
	M.O.M. ..	29th Sept. 1897.	end of Perambur works.			
	M.O.M. ..	3rd Dec. ,,				
	M.O.M. ..	29th July 1898.				
22	C.E. No. 1886..	5th June 1897.	Pattern loft under water tank iron foundry	252	1,579	1,831
	M.O.M. ..	3rd Dec. ,,	at Perambur.			
			Tiruvallur.			
23	C.E. No. 1650..	6th June 1898.	Extension of ballast siding at Tiruvallur.	1,364	1,372	2,736
			Arkonam.			
24	C.E. No. 3869..	18th Dec. 1897.	Depot shed at Arkonam	2,554	500	3,054
25	C.E. No. 842 ..	23rd Mar. 1898.	Additional room, &c., to Engine driver's bungalow No. 25 at Arkonam.	871	849	1,720
26	C.E. No. 870 ..	25th Mar. ,,	Converting Travelling Auditor's bungalow	618	635	1,253
	M.O.M. ..	13th Sept. ,,	into schoolmistress's quarters at Arkonam.			
27	C.E. No. 937 ..	1st April ,,	Transfer of Telegraph workshop to the proposed new site at Arkonam.	1,378	2,953	4,331
28	C.E. No. 1469..	23rd May ,,	Wall for timber yard at Arkonam ..	3,200	..	3,200
29	C.E. No. 2803..	11th Oct. ,,	New siding for ballast wagons at Arkonam.	382	3,504	3,886
			Munnal.			
30	C.E. No. 3786..	11th Dec. 1897.	Interlocking points and signals at Munnal.	223	2,246	2,469
	M.O.M. ..	1st July 1898.				
			Arcot.			
31	C.E. No. 2728..	27th Aug. 1895.	Six houses for subordinate staff at Arcot.	805	429	1,234
	M.O.M. ..	30th Sept. 1896.				
	M.O.M. ..	2nd Dec. ,,				
	M.O.M. ..	3rd Dec. 1897.				
			Virinchipuram.			
32	C.E. No. 936 ..	1st April 1898.	Wooden palings on platform in lieu of wire	64	1,275	1,339
	M.O.M. ..	18th Oct. ,,	fence at Virinchipuram.			
			Vinnamangalam.			
33	C.E. No. 1976.	8th July 1898.	Stationmaster's house at Vinnamangalam.	753	525	1,278

Madras Railway for the official year 1899–1900—*cont.*

Actual expenditure up to close of official year 1897–98. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1898–99. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1899–1900. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
RS.	RS.	RS.	RS.	RS.	RS.					
600	805	1,405	614	273	887	..	..	..	..	Sanction for excess over the estimate will be obtained on completion of the work.
43	393	436	325	307	632	..	..	..	..	The alteration is due to re-allocation which has been approved of but not recorded being under Rs. 500.
154	701	855	380	..	380	..	..	..	..	
..	..	..	200	1,955	2,155	..	..	..	..	
..	..	..	5,250	..	5,250	..	..	..	..	
161	2,210	2,371	26	382	408	..	..	..	..	
206	1,230	1,436	59	145	204	..	..	..	..	Work completed.
674	2,623	3,297	..	Cr.157	Cr. 157	..	..	..	..	The alteration is due to re-allocation which has been approved of but not recorded being under Rs. 500.
285	1,172	1,457	..	474	474	..	..	..	..	Sanction for excess over the estimate will be obtained on completion of the work.
..	..	..	1,364	1,372	2,736	..	..	..	..	
..	..	..	2,254	800	3,054	..	..	..	..	Sanction for re-allocation will be obtained subsequently.
..	..	..	871	849	1,720	..	..	..	..	
..	..	..	618	635	1,253	..	..	..	..	
..	..	..	1,281	3,050	4,331	..	..	..	..	Do do.
..	..	..	3,200	..	3,200	..	..	..	..	
..	..	..	382	3,504	3,886	..	..	..	..	
19	41	60	204	2,205	2,409	..	..	..	..	
..	..	..	805	429	1,234	..	..	..	..	
..	..	..	64	1,275	1,339	..	..	..	..	
..	..	..	753	525	1,278	..	..	..	..	

Budget Estimate of Minor Works of the Madras Railway for the official year 1899–1900—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.	Actual expenditure up to close of official year 1897–98. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1898–99. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1899–1900. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT—*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
			Stations and Buildings—cont.														
			Buddireddipetti.														
34	C.E. No 1008..	8th April 1898.	Proposed additional wrought iron tank at Buddireddipetti.	30	1,082	1,112	..	..	..	30	1,082	1,112	..	..	..	..	
			Jalarpet.														
35	C.E. No. 3870..	18th Dec. 1897.	Double bungalow for family guards at Jalarpet.	3,218	1,563	4,781	912	662	1,574	2,306	901	3,207	..	..	..	..	
			Mullanur.														
36	C.E. No. 283 ..	28th Jan. 1898.	Proposed additional sidings at Mullanur.	477	2,912	3,389	..	..	..	477	2,912	3,389	..	..	..	..	
	M.O.M. ..	13th Sept. ,,															
			Bowringpet.														
37	C.E. No. 2955..	11th Sept. 1897.	Signal arrangement at Bowringpet ..	316	2,725	3,041	154	947	1,101	162	1,778	1,940	..	..	..	..	
	M.O.M. ..	25th Mar. 1898.															
	M.O.M. ..	1st July ,,															
	M.O.M. ..	13th Sept. 1898.															
38	C.E. No. 3867..	18th Dec. 1897.	Raising and increasing the capacity of locomotive tank at Bowringpet.	2,879	30	2,909	..	..	..	2,000	909	2,909	..	..	..	..	Sanction for re-allocation will be obtained subsequently.
	M.O.M. ..	1st July 1898.															
	M.O.M. ..	13th Sept. ,,															
			Krishnarajapuram.														
39	C.E. No. 3843..	17th Dec. 1897.	Assistant Stationmaster's house at Krishnarajapuram.	806	403	1,209	436	215	651	346	110	456	..	..	..	..	
	M.O.M. ..	18th Oct. 1898.															
			Bangalore City.														
40	C.E. No. 2699.	1st Oct. 1898.	Native latrine at Bangalore City ..	1,878	1,253	3,131	..	..	..	1,878	1,253	3,131	..	..	..	..	
			Podanur.														
41	C.E. No. 3868.	18th Dec. 1897.	Double bungalow for family guards at Podanur.	3,045	1,572	4,617	639	561	1,200	2,206	1,211	3,417	..	..	..	..	Do. do.
			Calicut.														
42	C.E. No. 1977..	8th July 1898.	Additional room to guard's bungalow at Calicut.	1,096	220	1,316	..	..	..	1,096	220	1,316	..	..	..	..	
43	C.E. No. 2689 ..	30th Sept. ,,	Additional rooms for Stationmaster's bungalow at Calicut.	695	410	1,105	..	..	..	695	410	1,105	..	..	..	..	
			Mettupalaiyam.														
44	C.E. No. 3847 ..	17th Dec. 1897.	House for Carriage Examiner at Mettupalaiyam.	533	634	1,167	110	194	304	408	439	847	..	..	..	..	The alteration is due to re-allocation which has been approved of but not recorded being under Rs. 500.
	M.O.M. ..	13th Sept. 1898.															
45	C.E. No. 2834..	14th Oct. ,,	Four houses for Native Assistant Stationmasters at Mailpati, Olavakode, Tyakal and Coimbatore.	2,715	1,738	4,453	..	..	..	2,000	1,700	3,700	715	38	753	..	
			Nandalur.														
46	C.E. No. 2330..	16th Aug. 1898.	Water-supply for staff quarters and platform at Nandalur.	310	997	1,307	..	..	..	310	997	1,307	..	..	..	..	
47	C.E. No. 2341	17th Aug. ,,	Grouping points at Nandalur	118	1,109	1,227	..	..	..	118	1,109	1,227	..	..	..	..	
			Kamalapuram.														
48	C.E. No. 3267..	20th Oct. 1897.	Extension of platform and diversion of road at Kamalapuram.	803	803	1,606	159	293	452	681	633	1,314	..	..	..	..	Sanction for excess over the estimate will be obtained on completion of the work.
	M.O.M. ..	1st July 1898.															
			Mangapatnam.														
49	C.E. No. 1957.	11th June 1897.	Two houses for Stationmaster and Assistant Stationmaster and three houses for porters at Mangapatnam.	2,011	1,006	3,017	1,286	355	1,641	560	562	1,122	..	..	..	..	
	M.O.M. ..	28th Jan. 1898.															
	M.O.M. ..	18th Oct. ,,															
			Gooty.														
50	C.E. No. 408 ..	10th Feb. 1898.	Proposed refreshment room, &c., at Gooty.	698	928	1,626	..	..	..	626	1,000	1,626	..	..	..	..	Sanction for re-allocation will be obtained subsequently.
			Guntakal.														
51	C.E. No. 428 ..	12th Feb. 1898.	Engineering subordinate's quarters at Guntakal.	1,076	428	1,504	34	1	35	1,042	427	1,469	..	..	..	..	
			Molagavalli.														
52	C.E. No. 2939..	26th Oct. 1898.	Extension of lay-bye at Molagavalli ..	145	1,302	1,447	..	..	..	145	1,302	1,447	..	..	..	..	

Budget Estimate of Minor Works of the Madras Railway for the official year 1899–1900—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.	Actual expenditure up to close of official year 1897–98. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1898–99. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1899–1900. Cash outlay in India.	Value of stores.	Total	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT—*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
			Stations and Buildings—cont.														
			Raichur.														
53	C.E. No. 1813..	20th June 1898.	Quarters for inter-communication staff of Telegraph Department at Raichur.	882	373	1,255	..	..	..	882	373	1,255	..	..	..	..	
54	C.E. No. 1295.. M.O.M. ..	8th April 1897. 28th Jan. 1898.	Fitting of Annett's locks to facing points, North-west and South-west lines.	989	731	1,720	..	..	..	989	731	1,720	..	..	..	..	
55	C.E. No. 1812..	20th June 1898.	One oil-gaz engine and accessories for the Ticket Printing office at Rayapuram.	2,200	..	2,200	..	..	..	2,200	..	2,200	..	..	..	..	
			Total Engineering Department carried to Schedule A.	66,622	57,035	1,23,657	12,328	13,171	25,499	52,782	43,569	96,351	715	38	753	..	
			LOCOMOTIVE DEPARTMENT.														
1	C.E. No. 1382.. M.O.M. ..	14th May 1898. 1st July „	Steam hammer	140	1,530	1,670	..	..	..	140	1,530	1,670	..	..	..	..	
			Total Locomotive Department carried to Schedule A.	140	1,530	1,670	..	..	..	140	1,530	1,670	..	..	..	..	
			UNSANCTIONED WORKS.														
			ENGINEERING DEPARTMENT.														
			Stations and Buildings.														
			Central Station.														
1	..	..	Proposed reading-room at Central Station.	2,427	1,920	4,347	..	..	..	..	..	..	2,427	1,920	4,347	..	
2	..	..	Stationmaster's house at Central Station.	2,920	1,884	4,804	..	..	..	920	884	1,804	2,000	1,000	3,000	..	
			Mailpatti.														
3	..	..	Deepening and enlarging well and providing a hand pump at Mailpatti.	1,455	780	2,235	..	..	..	..	..	..	1,455	780	2,235	..	
			Jalarpet.														
4	..	..	Double bungalow for family guards at Jalarpet.	3,355	1,603	4,958	..	..	..	2,000	1,000	3,000	1,355	603	1,958	..	Since sanctioned (*vide* C.E., No. 3292, dated 2nd December 1898).
5	..	..	Shelter for pointsman at Jalarpet ..	557	557	1,114	..	..	..	200	400	600	357	157	514	..	
			Bowringpet.														
6	..	..	Re-arrangements of signals at Bowringpet.	1,147	2,170	3,317	..	..	..	..	..	..	1,147	2,170	3,317	..	
7	..	..	Open shed 100 feet on goods platform at Bowringpet.	1,496	3,070	4,566	..	..	..	..	..	..	1,496	3,070	4,566	..	
8	..	..	One house for native drivers at Bowringpet.	485	616	1,101	..	..	..	..	..	..	485	616	1,101	..	
			Erode.														
9	..	..	Carriage dock and mixed gauge sidings at Erode.	230	1,089	1,319	..	..	..	..	..	..	230	1,089	1,319	..	
			Podanur.														
10	..	..	Double bungalow for family guards at Podanur.	3,046	1,604	4,650	..	..	..	1,000	604	1,604	2,046	1,000	3,046	„	Since sanctioned (*vide* C.E., No. 3293, dated 2nd December 1898).
			Mettupalaiyam.														
11	..	..	Proposed alteration of native latrine and platform at Mettupalaiyam.	503	525	1,028	..	..	..	100	200	300	403	325	728	..	
			Renigunta.														
12	..	..	Watering arrangements to be improved at Thocock.	3,052	..	3,052	..	..	..	..	..	..	3,052	..	3,052	..	
			Nandalur.														
13	..	..	Carriage Examiner's house at Nandalur..	1,767	826	2,593	..	..	..	..	..	..	1,767	826	2,593	..	
14	..	..	Two houses for signallers at Nandalur ..	2,614	1,267	3,881	..	..	..	..	..	..	2,614	1,267	3,881	..	
15	..	..	Apothecary's bungalow and dispensary at Nandalur.	2,671	1,225	3,896	..	..	..	671	1,000	1,671	2,000	225	2,225	..	
16	..	..	Two houses for native drivers at Nandalur.	1,200	778	1,978	..	..	..	..	..	..	1,200	778	1,978	..	
			Adoni.														
17	..	..	Alterations and additions to sidings at Adoni.	167	1,192	1,359	..	..	..	..	..	..	167	1,192	1,359	..	
			Total Engineering Department carried to Schedule B.	29,092	21,106	50,198	..	..	..	4,891	4,083	8,979	24,201	17,018	41,219	..	

SCHEDULE D OR CONSTRUCTION WORKS—PART IV.

BUDGET Estimate of Emergent Works of the Madras Railway for the official year 1899–1900—*Nil.*

REVISED and Budget Estimates of Stores Transactions on the Madras Railway for 1898–99 and 1899–1900.

MEMORANDUM.

The budget estimate contemplates a total expenditure of Rs. 24,14,627 as under—

Cash outlay on stores	Rs.	15,22,627
Expenditure in England including exchange	„	8,92,000
	„	24,14,627

and is provided for as follows :—

Credits for stores issues to Capital works ...	Rs.	11,04,954
Credits for stores issues to Revenue ... Transfers and sales	„	22,00,000
	„	33,04,954
Balance being Net Capital Grant required ...	„	**8,90,327**

MADRAS RAILWAY.

DETAILS OF THE ESTIMATED TRANSACTIONS UNDER THE HEAD "STORES."

REVISED estimate for 1898–99 and Budget estimate for 1899–1900.

Particulars of Debits.		Revised estimate, 1898–99.	Budget estimate, 1899–1900.
Balance at commencement of the year ...	Rs.	25,01,619	27,17,175
Debits during the year—			
Local purchases—			
Firewood	„	4,22,750	3,53,000
Oil of sorts	„	1,35,250	1,32,200
Cotton, waste, &c.	„	8,450	8,750
Coal, Indian	„	5,80,500	5,20,000
Coke do.	„	15,300	16,250
Wooden sleepers	„	25,000	20,000
Do. keys	„	15,000	14,500
Timber of all kinds	„	70,500	54,000
Materials for tarpaulins	„	3,000	4,000
Freight and landing charges	„	1,00,000	81,000
Printing and stationery	„	55,000	44,500
Miscellaneous stores	„	2,00,250	1,34,427
Total ...	„	16,31,000	13,82,627
London stores—			
(For Revenue and Capital)—			
Coke	„	36,000	...
Patent fuel	„	30,000	...
Tyre, engine and tender	„	26,010	10,000
Do. do. carriage ...	„	9,717	5,000
Wheels and axles, carriage	„	...	5,000
Do. engine	„	14,800	6,000
Machinery and tools	„	4,504	50,000
Iron and steel	„	32,049	12,000
Copper and brass	„	83,426	35,000
Materials for construction and renewal of rolling-stock	„	1,48,674	1,38,000
Automatic vacuum brake-gear	„	48,000	45,000
Locomotive engines	„	2,06,000	...
Bridge materials	„	6,451	1,50,000
Permanent-way materials	„	4,60,402	3,34,000
Materials for tarpaulins	„	7,000	7,000
Telegraph stores	„	8,092	13,700
Sundry stores	„	94,587	81,300
Total ...	„	12,15,712	8,92,000

		Revised estimate, 1898–99.	Budget estimate, 1899–1900.
Particulars of Debits—cont.			
Manufactures—			
Workshop manufactures—			
Works in progress ... ... New works	Rs.	2,40,000	1,40,000
Total debits during the year ...	„	30,86,712	24,14,627
Grand Total ...	„	55,88,331	51,31,802
Particulars of Credits.			
Credits during the year—			
Issues to Capital Works—			
Preliminary expenses ... ... Formation ... ... Bridge-work .. .. Fencing ... ... Ballast and permanent-way ... ... Stations and buildings ... ... Plant ... ... Ferries, &c. ... ... Rolling-stock ... ... General charges	Rs.	3,71,156	11,04,954
	„	3,71,156	11,04,954
Issues to Revenue ... ... Transfers and sales	„	25,00,000	22,00,000
Total credits during the year ...	„	28,71,156	33,04,954
Balance expected at the close of the year ...	„	27,17,175	18,26,848
Grand Total ...	„	55,88,331	51,31,802
Net debit or credit to stores transactions being capital grant required	„	2,15,556	**8,90,327**

APPENDIX A.

STATEMENT showing details of the sum set aside for expenditure in England on the Madras Railway during 1899–1900.

Probable amount of outstanding indents of the previous year.	Rs.	3,00,000
Probable amount of indents to be sent home for compliance during the year	„	13,43,000
Establishment charges, etc., payable in England	„	1,05,000
	„	17,48,000
Deduct—Probable amount of outstanding indents at the close of the year	„	7,51,000
Estimated net capital outlay in England ...	„	9,97,000

SCHEDULE F.

ESTIMATE of Traffic Receipts of the Madras Railway, 1899–1900.

Number of miles open for traffic on 1st April 1898	840
Expected to be opened during 1898–99	...
Total on 1st April 1899 ...	840
Expected to be opened during 1899–1900	...
Total likely to be opened at end of 1899–1900	840
Average number of miles expected to be opened during the whole of 1899–1900	840

—	Actuals in 1897–98.	Budget estimate, 1898–99.	Revised estimate, 1898–99.	Budget estimate, 1899–1900.
	RS.	RS.	RS.	RS.
Coaching traffic	44,90,323	46,00,000	43,00,000	45,00,000
Goods do.	66,56,408	62,00,000	66,00,000	66,00,000
Electric Telegraph earnings... ...	19,703	20,000	17,000	18,000
Sundries	2,21,867	1,80,000	1,90,000	1,90,000
Total ...	1,13,88,301	1,10,00,000	1,11,07,000	1,13,08,000
Train mileage	2,592,870	2,500,000	2,500,000	2,500,000

SCHEDULE G.

ESTIMATE of Revenue Expenditure on the Madras Railway for the official year 1899–1900.

—	Actuals in 1897–98.	Budget estimate, 1898–99.	Revised estimate, 1898–99.	Budget estimate, 1899–1900.
	RS.	RS.	RS.	RS.
Maintenance of Way, Works and Stations.				
1. General superintendence	2,38,790	2,50,000	2,50,000	2,50,000
2. Maintenance and renewal of permanent-way	5,65,466	5,00,000	5,00,000	5,00,000
3. Repairs of bridges, wages and materials ...	1,06,239	1,95,000	1,60,000	2,00,000
3-A. Conservancy of rivers	...	...	...	...
4. Repairs of stations and buildings, wages and materials	1,20,592	1,60,000	1,50,000	1,50,000
5. Maintenance by contract	..	...	...	...
6. New minor works	22,567	20,000	22,500	22,500
7. Unclassified expenditure	1,96,048	2,00,000	1,95,000	2,00,000
Total ...	12,69,702	13,25,000	12,77,500	13,22,500
Deduct sum chargeable to Fire Insurance Fund	7	...	...	...
	12,69,695	13,25,000	12,77,500	13,22,500
Deduct cost of working Kolar Gold Fields Railway	28,452	25,000	23,000	23,000
Total ...	12,41,243	13,00,000	12,54,500	12,99,500
Locomotive Expenses.				
1. General superintendence	1,32,578	1,39,000	1,45,722	1,48,000
2. Running expenses (wages connected with the working of locomotive engine) ...	3,52,971	3,50,000	3,57,557	3,70,000
3. Fuel	9,07,593	8,80,000	9,13,551	9,25,000
4. Water (including wages and stores) ...	36,533	35,000	37,868	38,000
5. Oil, tallow and other stores, &c. (expended on engines in work)	54,106	48,000	57,217	59,000
6. Maintenance and renewals of locomotive engines	5,18,800	5,23,000	4,60,000	5,20,000
6-A. Maintenance and renewals of machinery, tools and plant	16,232	15,000	15,982	16,500
7. New minor works	...	3,000	3,000	3,000
8. Payments to other lines	...	...	...	...
9. Unclassified expenditure	1,66,818	1,60,000	1,20,000	1,65,000
Total ...	21,85,631	21,53,000	21,10,897	22,44,500
Deduct sum chargeable to Fire Insurance Fund	...	...	625	...
	21,85,631	21,53,000	21,10,272	22,44,500
Deduct cost of working Kolar Gold Fields Railway	40,439	40,000	37,272	39,000
	21,45,192	21,13,000	20,73,000	22,05,500
Deduct cost of working Madras-Ennur line	11,797	13,000	8,500	10,000
	21,33,395	21,00,000	20,64,500	21,95,500
Deduct cost of working Nilgiri Railway...	...	..	...	36,000
Total ...	21,33,395	21,00,000	20,64,500	21,59,500

Estimate of Revenue Expenditure on the Madras Railway for the official year 1899–1900—*cont.*

—	Actuals in 1897–98.	Budget estimate, 1898–99.	Revised estimate, 1898–99.	Budget estimate, 1899–1900.
Carriage and Wagon Expenses.	RS.	RS.	RS.	RS.
1. General superintendence	40,175	41,500	38,892	37,000
2. Repairs and renewals of vehicles	4,44,459	4,12,000	2,90,900	3,00,000
2-A. Do. do. of machinery, tools and plant	12,929	10,000	10,566	12,000
3. Cleaning carriages and wagons and oiling.	74,897	58,000	76,005	78,000
4. New minor works	...	...	...	...
5. Unclassified expenditure	47,967	42,000	37,285	38,500
Total ...	6,20,427	5,63,500	4,53,648	4,65,500
Deduct sum chargeable to Fire Insurance Fund	...	...	...	...
	6,20,427	5,63,500	4,53,648	4,65,500
Deduct cost of working Kolar Gold Fields Railway	11,638	10,000	8,148	8,000
	6,08,789	5,53,500	4,45,500	4,57,500
Deduct cost of working Madras-Ennur line	3,344	3,500	2,000	2,000
	6,05,445	5,50,000	4,43,500	4,55,500
Deduct cost of working Nilgiri Railway.	...	...	...	7,500
Total ...	6,05,445	5,50,000	4,43,500	4,48,000
Traffic Expenses.				
1. Salaries and wages	6,59,908	6,63,000	6,70,000	6,75,000
2. Fuel, lighting, water and general stores ...	80,837	80,000	78,000	80,000
3. Clothing	11,661	13,000	13,000	13,000
4. Printing, stationery and tickets	70,828	72,000	72,000	76,000
5. Charges for delivery and collection of goods, &c.	2,318	2,500	2,500	2,500
6. Miscellaneous expenses	5,835	5,500	5,500	5,500
7. Payments to other lines	14,932	15,000	15,000	15,000
8. Unclassified expenditure	9,842	17,000	18,000	18,000
	8,56,161	8,68,000	8,74,000	8,85,000
Deduct sum chargeable to Fire Insurance Fund	272	200	...	...
	8,55,889	8,67,800	8,74,000	8,85,000
Deduct cost of working Kolar Gold Fields Railway	15,121	13,000	15,000	15,000
	8,40,768	8,54,800	8,59,000	8,70,000
Deduct cost of working Madras-Ennur line	4,598	4,800	3,500	4,000
	8,36,170	8,50,000	8,55,500	8,66,000
Deduct cost of working Nilgiri Railway.	...	...	...	14,500
Total ...	8,36,170	8,50,000	8,55,500	8,51,500
General Charges.				
1. Home expenditure	84,796	75,000	75,000	75,000
2. Salaries of Indian management including offices	2,83,941	2,90,000	2,86,000	2,96,000

Estimate of Revenue Expenditure on the Madras Railway for the official year 1899–1900—*cont.*

—	Actuals in 1897–98.	Budget estimate, 1898–99.	Revised estimate, 1898–99.	Budget estimate, 1899–1900.
General Charges—cont.	RS.	RS.	RS.	RS.
3. Police	37,986	38,500	39,000	39,000
4. Advertising (all advertisements of all departments)	6,338	5,500	6,000	6,000
5. Electric telegraph	1,42,347	1,60,000	1,56,000	1,68,000
6. Clearing accounts with other lines ...	...	...	...	...
7. Unclassified expenditure	51,585	54,500	50,000	50,000
Total ...	6,06,993	6,23,500	6,12,000	6,34,000
Deduct sum chargeable to Fire Insurance Fund	11,873	5,000	6,000	6,000
	5,95,120	6,18,500	6,06,000	6,28,000
Deduct cost of working Kolar Gold Fields Railway	10,604	10,000	11,000	11,000
	5,84,516	6,08,500	5,95,000	6,17,000
Deduct cost of working Madras-Ennur line	3,236	3,500	2,500	3,000
	5,81,280	6,05,000	5,92,500	6,14,000
Deduct cost of working Nilgiri Railway.	...	...	...	10,000
Total ...	5,81,280	6,05,000	5,92,500	6,04,000
Special and Miscellaneous Expenditure.				
1. Law charges	2,031	3,000	3,000	3,000
2. Compensation	3,502	2,000	6,000	3,000
3. Rates and taxes (including municipal water-rates)	23,143	24,000	24,000	24,000
4. Payments to other lines	38	6,000	1,000	6,000
5. Prizes for station gardens, &c.	443	1,000	1,000	1,000
6. Contribution to Railway Provident Institution	41,561	42,000	57,000	74,000
7. Miscellaneous	40,847	19,000	14,000	14,000
Total ...	1,11,565	97,000	1,06,000	1,25,000
Deduct sum chargeable to Fire Insurance Fund	799	...	...	...
	1,10,766	97,000	1,06,000	1,25,000
Deduct cost of working Kolar Gold Fields Railway	1,878	1,400	2,000	2,000
	1,08,888	95,600	1,04,000	1,23,000
Deduct cost of working Madras-Ennur line	589	600	500	500
	1,08,299	95,000	1,03,500	1,22,500
Deduct cost of working Nilgiri Railway.	...	...	...	2,000
Total ...	1,08,299	95,000	1,03,500	1,20,500

MADRAS,
18th January 1899.

FRED. DUNSTERVILLE,
Chief Auditor.

L. S. MOSS,
Agent and Manager.

NOTE by the Examiner, Guaranteed Railway Accounts, Madras, on the Capital and Revenue Revised and Budget Estimates of the Madras Railway for 1898–99 and 1899–1900.

REVISED ESTIMATE, 1898–99.

Capital.

The estimates previously proposed by the Company and by this office are as under:—

	Company.	Examiner.
Total withdrawals	Rs. 27,04,428	24,00,000
Total payments into treasury	„ 32,50,000	28,00,000
Net demand ...	„ **5,45,572**	**4,00,000**

I would now, in view of the more recent information available, recommend that the estimate be accepted for—

Total withdrawals	Rs.	22,50,000
Total payments into treasury	„	27,00,000
Net demand ...	„	**4,50,000**

The withdrawals have been estimated as below —

Approximate outlay to December 1898	Rs.	15,29,000
Letter of credit and cash balance, January 1899	„	3,08,000
Liabilities, January to March 1899	„	1,56,000
Letters of credit, February and March 1899	„	3,00,000
		22,93,000
Deduct probable cash balance on 1st April 1899 ...	„	43,000
		22,50,000

As regards payments into treasury, the last form D places the approximates to end of January 1899 at Rs. 22,10,000, and the transactions for the remaining two months of the year are unlikely to exceed Rs. 4,90,000, making a total of Rs. 27,00,000 for the whole period.

Revenue.

No modification has been suggested by the Company in the estimates of receipts, expenditure and surplus profits, &c., previously submitted.

The following figures were then proposed by this office which, in the light of the additional information now available, require alterations as explained below:—

Earnings	Rs.	1,06,00,000
Suspense	„	18,00,000
Receipts ...	„	1,24,00,000
Working expenses	„	53,14,000
Suspense	„	18,00,000
Expenditure ...	„	71,14,000
Surplus profits, &c.	„	1,43,000

Earnings.—In consequence of the continued heavy decline in traffic, the estimate may be reduced to Rs. 1,04,50,000, thus:—

Booked earnings to October 1898	Rs.	63,98,000
Audited earnings to November 1898	„	7,64,000
Approximate earnings to December 1898	„	8,58,000
Estimate for January to March 1899 at Rs. 8,00,000 per mensem	„	24,00,000
		1,04,20,000
	Say „	1,04,50,000

Surplus profits, &c.—The estimate may be increased from Rs. 1,43,000 to Rs. 1,44,000 to cover the Company's claim admitted in Government of India letter No. O./26 A.R., dated 13th instant.

Expenditure in England.

No change is considered necessary in the figure included in the first revised estimate, viz., Rs. 13,20,000.

BUDGET ESTIMATE, 1899–1900.

Capital.

The budget has been prepared for the amount provisionally allotted in Government of India letter No. 697 A.R., dated 21st December last, as under:—

In India—		
Total withdrawals	Rs.	21,03,000
Total payments	„	25,00,000
Net demand ...	„	**3,97,000**
In England—		
Total withdrawals	„	9,97,000
Net grant ...	„	6,00,000

The reduction of Rs. 3,48,373 in purchases of stores in India as compared with the provision in the revised estimate occurs chiefly under firewood, Indian coal, freight and landing charges, miscellaneous stores and manufactures, and the decrease of Rs. 4,50,000 under suspense miscellaneous is due to the expected discontinuance of the practice of passing the Calicut-Cananore extension transactions through the main line accounts.

The reduction in receipts is due to decreased issues of stores to Revenue and to the absence of recoveries from the Calicut-Cannanore extension.

The large decrease in the expenditure on purchases of stores by the Board is chiefly due to the smaller quantity of permanent-way material required and to no locomotive engines being asked for during 1899–1900.

Revenue.

Excepting the provision for surplus profits, &c., no modification is proposed in the estimates already proposed.

As regards surplus profits, &c., considering the poor traffic estimated for during the first three months of the current calendar half-year, no surplus is likely to be realized and the estimate may be reduced to Rs. 58,000 to provide only for the contribution due to the Provident Institution under the new rules.

E. A. WALLER, Major, R.E.,
Examiner, Guaranteed Railway Accounts.

25th January 1899.

Public Works (1898) Department.

Railway

CURRENT No. 1506

From The Govt. of India

Order

No. 697 A-R

Dated 21st Dec. '98

Received } 26. 12. 98

Registered }

Enclosures

Spare copies

SUBJECT.

Schedule of Demands

—

Passing orders on the —— of the Budget for 1899-1900.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

All communications should be addressed to the Secretary.

No. 697 A.R.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.

Railway.

JOINT SECRETARY TO GOVT. OF MADRAS RYS. RECEIVED 26 DEC. 1898

Print

TO

THE JOINT SECRETARY TO THE GOVT OF MADRAS,

PUBLIC WORKS DEPARTMENT.

RAILWAY BRANCH.

Simla, 21st, December 1898.

Sir,

I am directed to acknowledge the receipt, under cover of your letter No.1482 Ry, dated 1st December 1898, of the Schedule of Demands of the Madras Railway for the year 1899-1900.

Flag P

2. It is observed that the demand which is almost entirely for unsanctioned works does not appear to have been criticized by the Consulting Engineer, nor has the Government of India been favoured with the views and recommendations of the Madras Government on the demands put forward by the Company.

3. In the absence of any recommendation and as the funds at the disposal of the Government of India for Capital outlay on Railways during 1899-1900 are limited the Government of India are of opinion that a grant of Rs. 6,00,000 should suffice for Capital outlay on the Madras Railway during the ensuing official year, and I am accordingly to convey their sanction to a provisional grant to that extent.

4. I am to request that you will issue the necessary instructions for the preparation of the budget estimate for 1899-1900 for the amount now allotted, which is intended to cover expenditure in England as well as in India.

I have the honour to be,
Sir,
Your most obedient servant,

Deputy Secy to the Govt of India.

Documents accompanying.

Nil

Form No. $\frac{1}{A}$.

No. 3529.

Madras, 28. 12. 1898.

From

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS,

Reminders.

To

THE AGENT AND MANAGER, M. RY.

Reply No. _____

dated _____

SIR,

In reply to this Government's letter No. 1483 Ry, dated 15th Dec 1898, forwarding (I) Proceedings No. 1482 Ry on the Schedule of Demands, Madras Railway, for the year 1899-1900, the Govt of India, army & the Limited funds at their disposal, have sanctioned a provisional grant of Rs 6,00,000 only for Capital outlay on the M. Ry. during the ensuing official year & ~~regarded~~ have desired that in 1899-1900 be prepared the budget Estimate & that passed & submitted for that amount which is intended to cover expenditure in England as well as in India. I therefore request that you will submit as soon as possible a revised budget prepared in accordance with the

above instructions in lieu of that already received with letter No. 10352/1170 dated 9th Dec 98, together with explanation as to the necessity for the works included in Schedule B.

JA
24.12.98

To CR for perusal

JA
24/12/98

Despatched 28/12/98

JA
28.12.98

3/1/99
4.8 P

To A.R.
C.R's suggestion should be followed
JA
4.1.99.

E. R. 8

As there will probably be considerable delay in having the Budget recast and reprinted, I would suggest that the Revised Estimate as submitted by the Company be forwarded to the Government of India by the 15th instant, and the Estimates which will be sent by the Company in response to this letter be subsequently furnished to that Govt. This would be in accordance with State Railway procedure which it is probably intended should be adopted on Guaranteed lines.

Edwards

C. R.
3/1/99
Edwds

D. 500—12-96.

No. 10352 / 133

Madras Railway Company,
AGENT & MANAGER'S OFFICE,
RAYAPURAM TERMINUS,
Madras 4 January 1899.

79

Madras, 6 Jany 1899

To

The Consulting Engineer
for Railways,
Chepauk.

ER FOR RAILWAYS,
MADRAS,

DEAR SIR,

I beg to confirm my telegram of to-day's date, as quoted below :—

R, M. Ry.

"Please return Budget
" estimate forwarded with my ltr No. 10352/1170
" dated 7th December to enable us
" to prepare the revised estimate
" called for in your No. 3529
" of 28th idem."

me to your ~~letter No~~
7th inst. I have
turn the M R budget
and to ~~request~~ state
avoid delay, the
timate for 1898-99 and
nd a budget estimate
1899-1900 as submitted by
forwarded ~~to the~~ to
Govt ~~by the 15th inst~~
budget estimate called for
No. 3529 of 28th Dec 1898 will
be sent first in early

Yours faithfully,

The Agent and Manager.

6.1.99.

REPLY.

From EK
To AM
Dated 4-1-99 Time

The budget estimate will be returned tomorrow.

EK
4.1.99.

Deputy
4/1/99

Dy
4/1/99.

[000—1-12-98.]

D. 500—12-96.

No. 10352 / 133

Madras Railway Company,

AGENT & MANAGER'S OFFICE,

RAYAPURAM TERMINUS,

Madras 4th January 1899.

RECEIVED 5 JAN 1899 CONSULTING ENGINEER FOR RAILWAYS MADRAS

116. 5-1-99

To

The Consulting Engineer
for Railways,
Chepauk.

Dear Sir,

I beg to confirm my telegram of to-day's date, as quoted below :—

"Please return Budget estimate forwarded with my ℓ No. 10352/1170 dated 7th December to enable us to prepare the revised estimate called for in your No. 3529 of 28th idem."

Yours faithfully,

for Agent and Manager.

Form No. $\frac{1}{A}$.

No. 79

Madras, 6 January 1899

From

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS,

Reminders.

To

THE AGENT AND MANAGER, M. RY.

Sir,

Reply No.

dated

* To be returned as early as possible

With reference to your ~~letter No.~~ Telephone message of 4th inst, I have the honour to return the M R budget called for therein and to ~~request~~ state that, in order to avoid delay, the Capital Revised estimate for 1898-99 and the Revenue Revised and Budget estimates for 1898-99 and 1899-1900 as submitted by you are being forwarded ~~to the Secretary to Board~~ to the Govt of India by the 15th inst.

2. The budget estimate called for in my letter No. 3529 of 28th Dec 1898 will be forwarded direct to that Govt in continuation of the above.

6.1.99.

Despatched on 6/1/99

L000—1-12-98.

TELEPHONE.

From AM
To ER.
Dated 4-1-99. Time 1 PM.

please return budget Estimate forwarded with my No. 10352/1170 dt 7-12-98 to enable us to prepare the revised Estimate called for in your No. 3529 of 28 Idem. flag C.

Sd
4-1-99.

REPLY.

From ER
To AM
Dated 4-1-99 Time

The budget estimate will be returned tomorrow.

Sd
for ER
4.1.99.

Depts

Init 4/1/99 Sd 4-1-99.

Form No. 1/A.

No. 79

Madras, 6 January 1899

From

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS,

Reminders.

To

THE AGENT AND MANAGER, M. RY.

SIR,

Reply No.

dated

* To be returned as early as possible

With reference to your ~~letter~~ Telephone message of 4th inst. I have the honour to return the M Ry budget called for therein and to ~~request~~ state that, in order to avoid delay, the Capital Revised estimate for 1898-99 and the Revenue Revised and budget estimate for 1898-99 and 1899-1900 as submitted by you are being forwarded ~~to the post office to-day~~ to the Govt of India by the 15th inst.

flag B

2. The budget estimate called for in my letter No. 3529 of 28th Dec 1898 will be forwarded to that post in continuation of the above.

Sd
6.1.99.

Despatched on 6/1/99

Init 6/1/99 Init 5/1/99

TELEPHONE.

From ER
To AM
Dated 17th Jany/99 Time

Please expedite Compt called for in para 2 of my 7976 with

17.1.99 Jsme
DR

Deo 3-20.
17-1-99.

REPLY.

From
To
Dated Time

Public Works (1899) Department.

Railway
CURRENT No. 98

From The Govt of India

Order

Telegram No. 040 H.R

Dated 18th January 1899
Received } 19-1-99
Registered }
Enclosures
Spare copies

HR
AM has already been telephoned.
19/1-99

S Keep in view
DR
19.1.99.

SUBJECT.

Budget.

Requesting to expedite the submission of the revised and — Estimates. m Ry for 1898-99 & 99-1900

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Code Class. 65 INDIAN TELEGRAMS. Monthly Number. 0187

To (Office) Madras | From (Office) Calcutta

Words.	Day.	Hour.	Minute.	Official Instructions.
12/3	18	17	43	Ex.

To (Person) Works Railway

From (Person) W. P. S.

RECEIVED 19 JAN 1899 SECRETARY TO GOVT. OF MADRAS R.D.

040 H. R. binnacle (1)
madras railway

(1) Budget & revised Estimates are urgently reqd please expedite submission

64 Word Form. F.C.2.

Recd. from I.N. | Sent to I.N.

At Hrs. Mts by | At Hrs. Mts by

Telegraph Master.

S G P—No. 731 T—1-4-97—1403981

Papers to be read in Proceedings:—

TELEPHONE.

From EK
To AH
Dated 19th January/99 Time

Please expedite despatch of Car for Jema 2 January 1976 with as Indra wired for it.

DHR I have sent a telegram from Erode asking for the date on which Car will leave Jemalamadugu

19/1-99

Despd 8h 19-I-99.

REPLY.

From
To
Dated Time

Madras Railway Company
Chief Engineer's Office,
Madras, 7th January 1899.

No. H/49/280

The Chief Auditor

Budget Estimate 1899-1900

Your letter No. A3/198/45 of 4th instant

I beg to forward herewith the Revised Schedule B & C. working up to the figures allotted to this Department out of the total grant sanctioned by the Government of India.

With regard to the explanation as to the necessity for the works I have to state that the items 1 to 6 have been provided for in the Schedule B. according to the instructions of the Government of India as well as the Board to meet the strain due to the heaviest class of Engines now in use on this Railway.

Items 7 to 13 are works intended to meet Traffic requirements on account of the East Coast Line.

As for the other items I beg to state they are Traffic and Locomotive requirements for the year and the necessity for each

Papers to be read in Proceedings:—

each of these works will be explained fully when the Estimates are submitted for final sanction.

Yours faithfully
(Sd) J. M. Ewing
for Chief Engineer

(True copy)
(Sd) T. Wallis
for Chief Auditor.

(True Copy)
Alfred Blake
Chief Clerk.

The Consg: Engineer
for Railways.

(No. I.)

No.

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS, 188

From

The Agent and Manager,
Madras Railway Company,

To

The Consulting Engineer for Railways.

SIR,

6000-15-3-88.

2 770 403 99

MADRAS RAILWAY.

From The Agent and Manager,
M. R. Co.,

To The Consulting Engineer
for Railways

Dated 188

Read.

No.

Papers to be read in Proceedings:—

Madras Railway Company,
Locomotive Superintendent's Office,
Perambur Works, 7th January 1899

No B 2722/219

The Chief Auditor

Dear Sir,

Your No. 13/198/43 of the 4th instant.

Budget Estimate.

I forward herewith revised Schedules B and E. working up to the figures quoted in your letter.

With regard to the necessity for the items entered in Schedule B. I would remark as follows—

Locomotive Item 1. These are the vacuum brakes of the 8 new Engines now under indent from England.

Carriage 172. These are part of a Scheme sanctioned by the Agent & Manager and Government under which 200 vehicles have to be fitted with the brake each year.

3. These vehicles were specially asked for by the Traffic Manager See correspondence ending with letter No. E693 of 1st June 1898 from Agent and Manager to Loco: Superintendent.

An

Carriage Item 4 - An Estimate for this was submitted in accordance with instructions received from the Agent and Manager as per his letter No. 10174/2853 of 23rd March 1898. The Estimate I understand has been sanctioned by the Board.

5 & 6 ___do___do___do - as per Officers meeting minute No. 19 of 10th June 1898 and Agent & Manager's letter No. 9969/9529 of the 1st October 1898.

Yours faithfully

(True copy) (Sd) C. E. Phipps

(31) T. Wake Loco: Superintdt.

for Chief Auditor.

(True copy)

A. E. Blake

Chief Clerk.

The Consg. Engineer

for Railways.

(No. 1.)

600:-15-3-88.

No.

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS, 188

From

The Agent and Manager,

Madras Railway Company,

To

The Consulting Engineer for Railways,

SIR,

403 99
70 19-1-99

MADRAS RAILWAY.

From

The Agent and Manager,

M. R. Co.,

To

The Consulting Engineer

for Railways.

Dated 188

Read.

No.

Papers to be read in Proceedings:—

(No. I.)

No. 10352

70

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE.

CONSULTING ENGINEER FOR RAILWAYS
5000-15-3-88.
RECEIVED
20 JAN. 1899
MADRAS.

MADRAS, 19th January 1899.

From Duke

The Agent and Manager,

Madras Railway Company,

To

The Consulting Engineer for Railways.

SIR,

Madras.

403
20-1-99

With reference to your letter
No. 3529 dated the 28th December 1898, I
have the honour to forward herewith
the Budget Estimate of the Madras
Railway open Line for 1899-1900 duly
revised to work up to the total sum
of Rupees 6,00,000/- provisionally sanctioned
by Government for Capital outlay in
India and in England.

Copies of letters from the Chief
Engineer and the Locomotive Superintendent
to the address of the Chief Auditor explain-
-ing the necessity for the inclusion of
the several works provided for in Schedule
B are also enclosed.

I have

The Budget Estimate received with your letter N.º 79 of the 6th instant is returned herewith as desired.

I have the honor to be,
Sir
Your most obed.t Servant,

Jno S Wilson
Agent & Manager.

Encl.d
D&C

[500-1-12-98.]

MADRAS RAILWAY.

From

The Agent and Manager,

M. R. Co.,

To

The Consulting Engineer

for Railways.

Dated 188

Regd. No.

Papers to be read in Proceedings:—

Form No. 33.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 20th January 1899.

RAILWAY ACCOUNTS, MADRAS.
39
20

No. 225

OFFICE NOTE.

Letter from the Agent~~s~~ Manager Beadon Railway, No. 10352/70, dated 19th January 1899, forwarded to the Examiner of Railway Accounts ~~for~~ for remarks.

20.1.99

for E. R.

P.C. for 26/1/99

EXAMINER'S REPLY.

E. R.

Checked and returned herewith together with a note thereon.

E. Waller

C. R.
25. 1. 99.

25. 1. 99

[500—1-12-98.]

Papers to be read in Proceedings:—

Again G.O., dated 189 , No.

Again G.O., dated 1st December 1898, No. 1482-83 Rly Deptt

Current No. 1506 of 1898, dated 26-12-98, from Madras Public

" " 403 " 1899, " 20-1-99, " All Depts

" " " 189 , " , "

No: 140 Rly 6/2/99

ORDER.

Print

Read that the Railway Share of the Capital and Revenue Account and Surplus Estimates of the Madras Rly for the years 1898-99 and 1899-1900 with a note thereon by the Examiner, Guaranteed Railway Accounts, Madras, be forwarded to the Govt of India.

H. E No: 141 Rly 6 Jan 99

To

The Secy to the Govt of India P. W. D.

Sir,

With reference to Govt of India letter No: 697 A R 7 21st December 1898, I am directed to forward herewith the Railway

To

The Agent & Manager M R.
" Examiner, Gen Rly Accts Madras
" Comptr Engr for Rly

Despatched on 6/2/99

flag B

Preliminary Sum of the Capital and Revenue raised and Sunset estimates of the Cost for the years 1898-99 & 1899-1900 with a note thereon by the Examiner, Guarantee Railway Accounts, Quarter.

25/1/99.

25-1-99